

CE-SAT-IIB Launch Date Announcement

The launch date of Canon Electronics Inc.'s third microsatellite, CE-SAT-IIB, has been determined as below.

With the newly developed super high sensitivity camera, the satellite is capable of observing the earth during night time. It is equipped with 3 types of cameras including Canon's mirrorless camera and compact digital camera, and will go through a 2 year demonstration experiment for forthcoming production of cassegrain reflectors as series.

■ **Scheduled Date of Launch:** 21st October, 2020 (JST) ※May be delayed due to bad conditions

■ **Location** : Rocket Lab Launch Complex 1 on Mahia Peninsula, New Zealand

■ **Scheduled Launch Vehicle** : Electron, Rocket Lab

■ **Specifications of CE-SAT- II B**

Mass 35.5kg

Dimensions 292mm × 392mm × 673mm

Orbit Sun-synchronous orbit(Altitude: 500km)

Detector Primary telephoto: Super high sensitivity camera with mirror diameter 200mm

Secondary telephoto: EOS M100 with mirror diameter 87mm

Wide-Angle: PowerShot G9 X Mark II

GSD Primary telephoto: Approx. 5.1m

Secondary telephoto: Approx. 5m

Shooting Area

Primary telephoto: 3.5km × 2.3km

Secondary telephoto: 5.6km × 3.7km



<In-house Developed and Manufactured Components>

Cassegrain Reflector, Super High Sensitivity Camera, Geomagnetic Sensor, Sun Sensor, Star Tracker, Inertial Reference Unit, Magnetorquer, Reaction Wheel, On Board Computer and others.

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